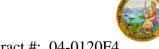
DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES Office of Structural Materials Quality Assurance and Source Inspection

Bay Area Branch 690 Walnut Ave.St. 150 Vallejo, CA 94592-1133 (707) 649-5453 (707) 649-5493



Yes

No

N/A

Contract #: 04-0120F4

Cty: SF/ALA Rte: 80 PM: 13.2/13.9

File #: 1.28

WELDING INSPECTION REPORT

Resident Engineer: Casey, William **Report No:** WIR-029096 Address: 333 Burma Road **Date Inspected:** 07-Feb-2013

City: Oakland, CA 94607

Project Name: SAS Superstructure **OSM Arrival Time:** 700 **OSM Departure Time:** 1730 **Prime Contractor:** American Bridge/Fluor Enterprises, a JV

Contractor: American Bridge/Fluor Enterprises, a JV **Location:** Job Site

CWI Name: See below. **CWI Present:** Yes No **Inspected CWI report:** Yes N/A **Rod Oven in Use:** Yes No No N/A N/A **Electrode to specification:** Yes No **Weld Procedures Followed:** Yes No N/A **Qualified Welders:** Yes No N/A **Verified Joint Fit-up:** Yes No N/A N/A Yes No N/A **Approved Drawings:** Yes No **Approved WPS:**

Delayed / Cancelled:

Tower **Bridge No:** 34-0006 **Component:**

Summary of Items Observed:

Quality Assurance Inspector (QA) Fritz Belford was at the American Bridge/Fluor (ABF) job site at Yerba Buena Island in California between the times noted above in order to monitor Quality Control functions and the in process work being performed by ABF personnel. The following items were observed:

Welder Chris Bruce #8901:

The welder was observed Carbon Arc Gouging (CAG) and performing the weld repairs on excavations on the Electroslag Weld "G" S-045 at face A. The indication was rejected with Ultrasonic Testing Shear Wave and was excavated at Y location 9500 as per Request for Weld Repair (RWR) 201301-055. The welder was observed preheating the weld to 300 degrees Fahrenheit prior to welding using the Miller ProHeat 35 with heat induction blankets. The welder utilized the Welding Procedure Specification (WPS) ABF-WPS-D15-1000-Repair Rev.3 for Shield Meal Arc Welding (SMAW). The welding parameters were verified by QC Inspector William Sherwood throughout the day and they appeared to be in compliance with the WPS noted above.

Welder Eric Sparks #3040:

The welder was observed continuing the weld repair on the Electroslag Weld "P" N-043 at face A, at the combined Y locations 8800, 8830, 8890 and 8980 as per Request for Weld Repair (RWR) 201301-051. The welder was observed preheating the weld to 300 degrees Fahrenheit prior to welding using the Miller ProHeat 35 with heat induction blankets. The welder utilized the Welding Procedure Specification (WPS) ABF-WPS-D15-1000-Repair Rev.3 for Shield Meal Arc Welding (SMAW). The welding parameters were verified by QC Inspector William Sherwood throughout the day and they appeared to be in compliance with the WPS noted above.

WELDING INSPECTION REPORT

(Continued Page 2 of 2)

The completed and accepted work observed at this location appeared to be in compliance with the contract specifications.

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.





Summary of Conversations:

Conversations this day as required for scope of work.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Gary Thomas - (916) 764 - 6027, who represents the Office of Structural Materials for your project.

Inspected By:	Belford,Fritz	Quality Assurance Inspector
Reviewed By:	Reyes, Danny	QA Reviewer